

1       Amendments to the claims:

2              Claims 1 thru 26 cancel.

3

4              27. (New) A simplified "T" interchange design consisting of:

5                  a first road surface for traffic moving in a left to right  
6                  direction, said first road surface having two lanes for traffic  
7                  moving in said left to right direction;

8                  a second road surface for traffic moving in a right to left  
9                  direction, said second road surface having two lanes for traffic  
10                 moving in said right to left direction;

11                 an open space between said first road surface and said second  
12                 road surface, said open space substantially forming a median;

13                 a third road surface for traffic intending to connect onto  
14                 said first road surface and said second road surface; said third road surface  
15                 having two lanes for traffic; said third road surface  
16                 having one lane for traffic moving toward said first road surface  
17                 and said second road surface; said third road surface having one  
18                 lane for traffic moving away from said first road surface and said  
19                 second road surface; said third road surface having a terminated  
20                 end that is located within said median between said first road  
21                 surface and said second road surface;

22                 a bridge located on said first road surface substantially  
23                 where said first road surface intersects said third road surface,  
24                 said bridge configured so that two lanes of traffic traveling on  
25                 said first road surface pass over said bridge, and above said

1       third road surface; said bridge configured so that two lanes of  
2       traffic traveling on said third road surface pass under said  
3       bridge, and under said first road surface;

4               an exit ramp that exits from said second road surface and  
5       travels through said median and connects onto said terminated end  
6       of said third road surface;

7               an on ramp that originates from said terminated end of said  
8       third road surface and travels through said median and connects  
9       onto said second road surface;

10               an exit ramp that exits from said first road surface and  
11      connects onto said third road surface;

12               an on ramp that originates from said third road surface and  
13      connects onto said first road surface.

14

15       28. (new)   The simplified "T" interchange design of claim 27  
16      including a fence or a barrier that is located in said median  
17      between said terminated end of said third road surface and said two  
18      lanes of said second road surface.

19

20       29. (new)   The simplified "T" interchange design of claim 27  
21      including a traffic signal ,or stop sign for vehicles traveling on  
22      said third road surface; said traffic signal ,or said stop sign  
23      located at said terminated end of said third road surface  
24      substantially where said third road surface meets said exit ramp

1 from said second road surface.

2

3 30. (New) The simplified "T" interchange design of claim 27  
4 including a traffic signal ,or stop sign for vehicles traveling on  
5 said exit ramp from said second road surface; said traffic signal,  
6 or said stop sign located substantially where said exit ramp from  
7 said second road surface meets said terminated end of said third  
8 road surface.

9

10 31. (New) The simplified "T" interchange design of claim 27 wherein  
11 said bridge is an arched bridge.

12

13 32. (New) The simplified "T" interchange design of claim 27 wherein  
14 said first road surface has an up ramp to said bridge and a down  
15 ramp from said bridge.

16

17 33. (New) A simplified "T" interchange design comprising:  
18       a first road surface for traffic moving in a left to right  
19 direction, said first road surface having two lanes for traffic  
20 moving in said left to right direction;  
21       a second road surface for traffic moving in a right to left  
22 direction, said second road surface having two lanes for traffic  
23 moving in said right to left direction;  
24       an open space between said first road surface and said second

1 road surface, said open space substantially forming a median;  
2       a third road surface for traffic intending to connect onto  
3 said first road surface and said second road surface; said third  
4 road surface having two lanes for traffic; said third road surface  
5 having one lane for traffic moving toward said first road surface  
6 and said second road surface; said third road surface having one  
7 lane for traffic moving away from said first road surface and said  
8 second road surface; said third road surface having a terminated  
9 end that is located within said median between said first road  
10 surface and said second road surface;

11       a bridge located on said first road surface substantially  
12 where said first road surface intersects said third road surface,  
13 said bridge configured so that two lanes of traffic traveling on  
14 said first road surface pass over said bridge, and above said  
15 third road surface; said bridge configured so that two lanes of  
16 traffic traveling on said third road surface pass under said  
17 bridge, and under said first road surface;

18       an exit ramp that exits from said second road surface and  
19 travels through said median and connects onto said terminated end  
20 of said third road surface;

21       an on ramp that originates from said terminated end of said  
22 third road surface and travels through said median and connects  
23 onto said second road surface;

24       an exit ramp that exits from said first road surface and

1 connects onto said third road surface;  
2 an on ramp that originates from said third road surface and  
3 connects onto said first road surface.

4

5 34. (new) The simplified "T" interchange design of claim 33  
6 including a fence or a barrier that is located in said median  
7 between said terminated end of said third road surface and said two  
8 lanes of said second road surface.

9

10 35. (New) The simplified "T" interchange design of claim 33  
11 including a traffic signal ,or stop sign for vehicles traveling on  
12 said third road surface; said traffic signal ,or said stop sign  
13 located at said terminated end of said third road surface  
14 substantially where said third road surface meets said exit ramp  
15 from said second road surface.

16

17 36. (new) The simplified "T" interchange design of claim 33  
18 including a traffic signal ,or stop sign for vehicles traveling on  
19 said exit ramp from said second road surface; said traffic signal,  
20 or said stop sign located substantially where said exit ramp from  
21 said second road surface meets said terminated end of said third  
22 road surface.

23

24 37. (New) The simplified "T" interchange design of claim 33 wherein

1       said bridge is an arched bridge.

2

3       38. (New) The simplified "T" interchange design of claim 33 wherein  
4       said first road surface has an up ramp to said bridge and a down  
5       ramp from said bridge.

6

7       39. (New) A simplified "T" interchange design comprising:

8               a first road surface for traffic moving in a left to right  
9       direction, said first road surface having two lanes for traffic  
10      moving in said left to right direction;

11              a second road surface for traffic moving in a right to left  
12       direction, said second road surface having two lanes for traffic  
13      moving in said right to left direction;

14              an open space between said first road surface and said second  
15       road surface, said open space substantially forming a median;

16              a third road surface for traffic intending to connect onto  
17       said first road surface and said second road surface; said third  
18       road surface having two lanes for traffic; said third road surface  
19       having one lane for traffic moving toward said first road surface  
20       and said second road surface; said third road surface having one  
21       lane for traffic moving away from said first road surface and said  
22       second road surface; said third road surface having a terminated  
23       end that is located within said median between said first road  
24       surface and said second road surface;

1       a bridge located on said third road surface substantially  
2 where said third road surface intersects said first road surface,  
3 said bridge configured so that two lanes of traffic traveling on  
4 said third road surface pass over said bridge, and above said  
5 first road surface; said bridge configured so that two lanes of  
6 traffic traveling on said first road surface pass under said  
7 bridge, and under said first road surface;

8       an exit ramp from said second road surface that travels  
9 through said median and connects onto said terminated end of said  
10 third road surface;

11       an on ramp from said terminated end of said third road surface  
12 that travels through said median and connects onto said second  
13 road surface;

14       an exit ramp from said first road surface that connects onto  
15 said third road surface;

16       an on ramp from said third road surface that connects onto  
17 said first road surface.

18

19 40. (new)   The simplified "T" interchange design of claim 39  
20 including a fence or a barrier that is located in said median  
21 between said terminated end of said third road surface and said two  
22 lanes of said second road surface.

23

24 41. (New)   The simplified "T" interchange design of claim 39

1 including a traffic signal ,or stop sign for vehicles traveling on  
2 said third road surface; said traffic signal ,or said stop sign  
3 located at said terminated end of said third road surface  
4 substantially where said third road surface meets said exit ramp  
5 from said second road surface.

6

7 42. (new) The simplified "T" interchange design of claim 39  
8 including a traffic signal ,or stop sign for vehicles traveling on  
9 said exit ramp from said second road surface; said traffic signal,  
10 or said stop sign located substantially where said exit ramp from  
11 said second road surface meets said terminated end of said third  
12 road surface.